

215 South Cascade Street
PO Box 496
Fergus Falls, Minnesota 56538-0496
218 739-8200
www.otpc.com (web site)



November 2, 2017

Darrell Nitschke
Director of Administration/Executive Secretary
North Dakota Public Service Commission
600 East Boulevard, Dept. 408
Bismarck, ND 58505-0480

**RE: In the Matter of Otter Tail Power Company's Application for
Approval of the Annual Rate Update to Rate Schedule, Section 13.07,
Transmission Cost Recovery Rider
Supplemental Filing PU-17-340**

Dear Mr. Nitschke:

Enclosed for filing in the above-referenced matter are updated attachments to Otter Tail Power Company's (Otter Tail) August 31, 2017 Initial Filing in this case (Initial Filing). An original and seven (7) copies have been provided. Otter Tail includes Revised Attachments 1 to 34 with this Supplemental Filing.

Otter Tail submits this Supplemental Filing to its Transmission Cost Recovery Rider (TCRR) to reflect the rate of return and allocation factors used in Otter Tail's submitted general rate case also filed on Thursday, November 2, 2017, Case No. PU-17-__ (Current Rate Case). The proposed effective date for these changes is January 1, 2018. In its Initial Filing in this proceeding, Otter Tail included the rate of return and allocation factors approved in its last general rate case, Case No. PU-08-862. Updating the rate of return and allocation factors from its Current Rate Case in the TCRR, effective January 1, 2018, reduces the revenue requirement requested in this proceeding. Otter Tail also updated the class allocation factors used in rate design, included as Revised Attachment 3, to reflect those proposed in its Current Rate Case; this update has no impact on the overall revenue requirement but rather shifts the revenue requirement amongst the classes.

This update results in a \$633,947¹ decrease to TCRR revenue requirements from the amount included in the Initial Filing of \$8,592,654 to \$7,958,707. The Commission approved Otter Tail's 2016 annual update for 2017 TCRR rates in Case No. PU-16-624. The table below shows the approved 2017 TCRR rates by class (Column B), the rates from Otter Tail's Initial Filing (Column C), and the updated rates included in this Supplemental Filing (Column D):

¹ \$344,910 of the decrease is related to updated allocation factors and \$289,037 is related to the change in rate of return for a total decrease of \$633,947.

Mr. Darrell Nitschke

November 2, 2017

Page 2 of 2

A Class	B 2017 Rates (Case No. PU-16-624)	C Initial Filing Proposed 2018 Rates (Case No. PU-17-340)	D Supplemental Filing Proposed 2018 Rates (Case No. PU-17-340)
Large General Service (kW)	\$1.689	\$2.095	\$1.739
Controlled Service (kWh)	\$0.00065	\$0.00086	\$0.00091
Lighting (kWh)	\$0.00270	\$0.00332	\$0.00332
All Other (kWh)	\$0.00475	\$0.00599	\$0.00578

The tariff sheet footers in Revised Attachment 33 are updated to reflect Bruce G. Gerhardson as Vice President of Regulatory Affairs & Compliance due to a position change.

An electronic copy of this filing is also being sent to you at dnitschk@nd.gov and to the North Dakota Public Service Commission at ndpsc@nd.gov.

If you have any questions regarding this filing, please contact me at 218-739-8275 or gice@otpc.com.

Sincerely,

/s/ *GINA S. ICE*

Gina S. Ice

Rates Analyst

Regulatory Administration

ljh

cc: Sara Cardwell, Jerry Lein

Enclosures

By electronic filing and U.S. mail

Attachments

Revised Attachment 1	Revenue
Revised Attachment 2	Revenue Requirements Summary
Revised Attachment 3	Rate Design
Revised Attachment 4	Tracker Summary
Revised Attachment 5	CAPX Fargo-Monticello Revenue Requirements
Revised Attachment 6	CAPX Bemidji-Grand Rapids Revenue Requirements
Revised Attachment 7	Cass Lake-Nary-Helga-Bemidji Revenue Requirements
Revised Attachment 8	Rugby Wind Interconnection Revenue Requirements
Revised Attachment 9	Casselton-Buffalo 115 kV Project Revenue Requirements
Revised Attachment 10	CAPX Brookings, SD-Hampton, MN Revenue Requirements
Revised Attachment 11	MVP BSAT to BSS Brookings Revenue Requirements
Revised Attachment 12	MVP Big Stone South to Ellendale Revenue Requirements
Revised Attachment 13	Ramsey 230/115 kV Transformer Revenue Requirements
Revised Attachment 14	Karlstad, MN Capacitor Bank Project Revenue Requirements
Revised Attachment 15	Oakes Area Transmission Revenue Requirements
Revised Attachment 16	Hankinson Transformer Addition Revenue Requirements
Revised Attachment 17	NERC Compliance Revenue Requirements
Revised Attachment 18	Summit Transformer Revenue Requirements
Revised Attachment 19	Spiritwood Generator Interconnection Revenue Requirements
Revised Attachment 20	Max to Ryder 41.6 kV Line Upgrade Revenue Requirements
Revised Attachment 21	Rugby 41.6 kV Breaker Station Revenue Requirements
Revised Attachment 22	Granville Junction Breaker Station Revenue Requirements
Revised Attachment 23	Bagley 115 kV Switch Station Revenue Requirements
Revised Attachment 24	Attachment O Revenue Credit for Non-MISO Projects
Revised Attachment 25	MISO Schedule 26 and 26A Expense
Revised Attachment 26	SPP Expenses
Revised Attachment 27	MISO Schedule 9 Revenue
Revised Attachment 28	MISO Schedule 26 Revenue
Revised Attachment 29	MISO Schedule 26A Revenue
Revised Attachment 30	MISO Multi-Value Project Auction Revenue Rights Revenue
Revised Attachment 31	Revenue Credits for MISO Tariff Schedules 37 and 38

Revised Attachment 32

ADIT Pro-Rate

Revised Attachment 33

Electric Rate Schedule Section 13.07 Redline and Clean

Revised Attachment 34

Proposed Customer Notice

Projected Revenue for 2018

Line No.	Class		Units	Rate per Unit	Amount
1	Large General Service	(a)	1,270,619 kW	\$1.739	\$2,209,814
2					
3	Controlled Service	(b)	243,255,777 kWh	0.091¢	\$220,542
4					
5	Lighting	(c)	23,001,296 kWh	0.332¢	\$76,417
6					
7	All other service		942,842,036 kWh	0.578¢	\$5,451,934
8					
9	Total revenue				<u>\$7,958,707</u>

- (a) Rate Schedules 10.03 Large General Service and 10.05 Large General Service - Time of Day
- (b) Rate Schedules 14.01 Water Heating, 14.04 Interruptible Load (CT Metering), 14.05 Interruptible Load (Self-Contained Metering), 14.06 Deferred Load
- (c) Rate Schedules 11.03 Outdoor Lighting (energy only), 11.04 Outdoor Lighting

Summary of Revenue Requirements

Line No.	Revenue Requirements	2018
1	CAPX 2020 - Fargo	\$2,699,577
2	CAPX 2020 - Bemidji	\$666,719
3	Cass Lake-Nary-Helga-Bemidji	\$107,096
4	Rugby Wind Interconnection	\$2,287
5	Casselton – Buffalo 115 kV Project	\$289,213
6	CAPX 2020 - Brookings - Hampton	\$244,597
7	MVP - Big Stone Area Transmission	\$59,939
8	MVP - Ellendale to Big Stone South	\$94,141
9	Ramsey 230/115 kW Transformer Upgrade	\$14,457
10	Karlstad, MN Capacitor Bank Project	\$42,807
11	Oakes Area Transmission Improvements	\$251,649
12	Hankinson Transformer AEBition	\$28,937
13	NERC Compliance	\$559,767
14	Summit Transformer	\$28,612
15	Spiritwood Station Interconnection	\$30,234
17	Max - Ryder 41.6 kV Line Upgrades	\$67,848
18	Rugby Breaker Station	\$64,960
19	Granville Jct Breaker Station	\$35,970
20	Bagley 115kV Switch Station	\$67,928
21	Total Revenue Requirement	\$5,288,809
22	MISO Schedule 26 Expense	4,822,225
23	MISO Schedule 26A Expense	2,829,366
24	SPP Schedule 9 Expense	852,796
25	SPP Schedule 11 Expense	74,798
26	MISO Schedule 9 Revenue	(375,335)
27	MISO Schedule 26 Revenue	(4,963,718)
28	MISO Schedule 37 Revenue	(0)
29	MISO Schedule 38 Revenue	(0)
30	MISO Schedule 26A Revenue	(612,119)
31	MISO MVP ARR Revenue	(21,383)
32	Carrying Cost	(16,014)
33	True-Up	11,354
34	Net Revenue Requirement	\$7,958,707

Class Allocation and Rate Design

Line No.			2018
1	North Dakota Revenue Requirements		\$7,958,707 *
2	Large General Service Class	27.77%	\$2,209,814
3	Controlled Service	2.77%	220,542
4	Lighting	0.96%	76,417
5	All Other Service	68.50%	5,451,934
6	Total		\$7,958,707
7	Large General Service Class	kW	1,270,619
8	Controlled Service	kWh	243,255,777
9	Lighting	kWh	23,001,296
10	All Other Service	kWh	942,842,036
11	Large General Service Class	\$ / kW	1.739
12	Controlled Service	cents / kWh	0.091
13	Lighting	cents / kWh	0.332
14	All Other Service	cents / kWh	0.578

* Jurisdictional transmission allocation factor (D2 = 39.598907%) is from Otter Tail's proposed general rate case in North Dakota Case No. PU-17-__.

Line No.	TRACKER SUMMARY Requirements Compared to Billed:	2017												YE Projected
		January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Projected	September Projected	October Projected	November Projected	December Projected	
1	Revenue Requirements													
1	CAPX 2020: Fargo	252,693	262,432	252,659	252,636	254,221	252,653	252,649	252,654	254,582	252,654	252,654	254,582	3,047,069
2	CAPX 2020: Bemidji	60,778	61,262	60,778	60,778	60,931	60,778	61,565	60,778	63,417	60,778	60,778	63,417	736,037
3	Cass Lake-Nary-Helga-Bemidji	10,034	10,034	10,034	10,033	10,033	10,033	10,033	10,033	10,033	10,033	10,033	10,033	120,402
4	Rugby Wind Interconnection	212	212	212	212	212	212	212	212	212	212	212	212	2,549
5	Casselton – Buffalo 115 kV Project	25,643	25,643	25,643	25,643	25,643	25,643	25,643	25,643	25,643	25,643	27,228	27,228	310,886
6	CAPX 2020: Brookings - Hampton	22,979	23,220	22,977	22,927	23,275	22,923	22,924	22,923	23,082	22,923	22,923	23,082	276,159
7	MVP: Big Stone Area Transmission	5,109	5,109	5,109	5,109	5,109	5,109	5,109	5,109	5,109	5,109	5,109	5,109	61,314
8	MVP: Ellendale to Big Stone South	5,418	5,418	5,418	5,418	5,418	5,418	5,418	5,418	5,418	5,418	5,418	5,418	65,021
9	Ramsey 230/115 kV Transformer Upgrade	1,392	1,540	1,392	1,392	1,355	1,392	1,392	1,392	1,392	1,392	1,392	1,392	16,811
10	Karlstad, MN Capacitor Bank Project	4,067	4,364	4,067	4,067	3,965	4,067	4,067	4,067	4,067	4,067	4,067	4,067	49,003
11	Oakes Area Transmission Improvements	27,059	27,720	27,059	27,059	26,362	27,059	27,059	27,059	27,059	27,059	27,059	27,059	324,671
12	Hankinson Transformer Addition	2,770	2,977	2,770	2,770	2,700	2,770	2,770	2,770	2,770	2,770	2,770	2,770	33,381
13	NERC Compliance	53,966	55,054	54,073	54,120	52,836	54,135	54,152	54,158	54,158	54,158	54,158	54,158	649,126
14	Summit Transformer	2,803	2,805	2,803	2,803	2,725	2,803	2,803	2,803	2,803	2,803	2,803	2,803	33,564
15	Spiritwood Station Interconnection	2,849	2,849	2,849	2,849	2,849	2,849	2,849	2,849	2,849	2,849	2,849	2,849	34,188
16	Max- Ryder 41.6 kV Line Upgrades	4,618	4,619	4,619	4,640	4,640	4,640	4,640	4,640	4,892	4,892	4,892	4,981	56,714
17	Rugby Breaker Station	6,217	6,217	6,217	6,217	6,187	6,217	6,217	7,097	7,106	7,106	7,106	7,106	79,009
18	Granville Jct Breaker Station	3,588	3,588	3,588	3,588	3,573	3,588	3,588	4,082	4,080	4,080	4,080	4,080	45,505
19	Bagley 115kV Switch Station	945	945	945	945	945	945	945	945	945	945	945	945	11,336
20	Total Revenue Requirements	493,141	506,010	493,213	493,208	492,980	493,236	494,037	494,634	499,619	494,894	496,478	501,292	5,952,744
21														
22	MISO & SPP Expenses													
23	MISO Schedule 26 Expense	545,262	3,760	529,284	398,586	283,647	365,282	415,172	452,960	390,678	441,636	452,960	566,200	4,845,426
24	MISO Schedule 26A Expense	460,067	120,393	219,519	181,053	167,874	178,830	186,373	217,389	207,961	219,089	244,163	273,611	2,676,321
25	SPP Schedule 9 Expense	38,140	226,703	223,517	132,551	122,754	105,841	164,019	152,760	152,760	152,760	115,946	78,155	1,665,906
26	SPP Schedule 11 Expense	2,666	7,375	7,911	6,249	4,976	4,010	6,194	5,242	5,242	3,584	1,951		60,643
27	Total MISO & SPP Expenses	1,046,135	358,232	980,230	718,440	579,251	653,964	771,758	828,351	756,640	818,726	816,653	919,917	9,248,296
28														
29	MISO Revenues													
30	MISO Schedule 9 Revenue	(112,342)	(88,541)	(563,234)	(122,039)	(37,034)	(41,122)	(55,793)	(19,815)	(12,946)	(27,101)	(31,840)	(51,716)	(1,163,523)
31	MISO Schedule 26 Revenue	(411,842)	184,873	(389,581)	(342,047)	(379,504)	(476,576)	(515,429)	(525,483)	(462,074)	(414,051)	(409,091)	(388,981)	(4,529,787)
32	MISO Schedule 37 Revenue	(4,765)	1,809	(4,799)	(4,800)	(5,409)	(4,721)	(4,717)	(0)	(0)	(0)	(0)	(0)	(27,402)
33	MISO Schedule 38 Revenue	(5,801)	4,703	(5,849)	(5,851)	(6,515)	(5,758)	(5,754)	(0)	(0)	(0)	(0)	(0)	(30,826)
34	MISO Schedule 26A Revenue	(53,126)	(5,307)	(40,489)	(39,182)	(41,376)	(47,845)	(52,505)	(57,822)	(58,389)	(47,888)	(44,068)	(44,956)	(532,951)
35	MISO MVP ARR Revenue	(1,682)	(1,636)	(1,568)	(706)	(642)	(581)	(1,276)	(2,269)	(2,269)	(2,269)	(2,269)	(2,269)	(19,437)
36	Total MISO Revenues	(589,557)	95,901	(1,005,520)	(514,625)	(470,480)	(576,602)	(635,475)	(605,389)	(535,678)	(491,310)	(487,268)	(487,922)	(6,303,926)
37														
38	Net Revenue Requirement	949,719	960,143	467,923	697,023	601,751	570,599	630,320	717,596	720,581	822,311	825,863	933,287	8,897,115
39														
40	Billed (forecast kWh x adj factor)	713,189	663,351	598,526	551,200	476,867	474,824	481,209	492,763	492,257	477,687	568,151	640,863	6,630,887
41														
42	Difference	236,530	296,792	(130,603)	145,823	124,884	95,774	149,111	224,833	228,324	344,624	257,712	292,423	2,266,227
43	Carrying Charge	(15,356)	(13,768)	(11,736)	(12,758)	(11,803)	(10,991)	(10,382)	(9,386)	(7,839)	(6,256)	(3,827)	(2,004)	(116,106)
44	Cummulative Difference	(1,917,594)	(1,634,570)	(1,776,909)	(1,643,844)	(1,530,763)	(1,445,979)	(1,307,250)	(1,091,803)	(871,319)	(532,951)	(279,065)	11,354	11,354
45														
46	Carrying Charge Calculation	(13,768)	(11,736)	(12,758)	(11,803)	(10,991)	(10,382)	(9,386)	(7,839)	(6,256)	(3,827)	(2,004)	82	
47	Cumulative Carrying Charge	(23,018)	(34,754)	(47,512)	(59,315)	(70,305)	(80,687)	(90,074)	(97,913)	(104,169)	(107,995)	(109,999)	(109,917)	
48	Carrying cost	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	
49														
50														
51	Forecasted Sales (MWh)								130,358	130,224	126,370	150,301	169,537	
52														

Approved December 14, 2016 (PU-16-624);
Rate Effective January 1, 2017

SUMMARY	Jan 2017 - Dec 2017
Revenue requirements	\$8,396,895
Carrying Charge	(178,988)
True-Up	(1,302,333)
Total requirements	\$6,915,574
Jan 2017-Dec 2017 projected sales in MWh	1,829,481
Average Rate	\$0.00378

Line No.	TRACKER SUMMARY Requirements Compared to Billed:	2018												YE Projected
		January Projected	February Projected	March Projected	April Projected	May Projected	June Projected	July Projected	August Projected	September Projected	October Projected	November Projected	December Projected	
Revenue Requirements														
1	CAPX 2020: Fargo	224,355	224,355	226,185	224,355	224,355	226,185	224,355	224,355	226,185	224,355	224,355	226,185	2,699,577
2	CAPX 2020: Bemidji	54,355	54,355	57,970	54,355	54,355	57,970	54,355	54,355	57,970	54,355	54,355	57,970	666,719
3	Cass Lake-Nary-Helga-Bemidji	8,979	8,979	8,979	8,907	8,907	8,907	8,907	8,907	8,907	8,907	8,907	8,907	107,096
4	Rugby Wind Interconnection	191	191	191	191	191	191	191	191	191	191	191	191	2,287
5	Casselton – Buffalo 115 kV Project	24,101	24,101	24,101	24,101	24,101	24,101	24,101	24,101	24,101	24,101	24,101	24,101	289,213
6	CAPX 2020: Brookings - Hampton	20,332	20,332	20,486	20,332	20,332	20,486	20,332	20,332	20,332	20,332	20,332	20,486	244,597
7	MVP: Big Stone Area Transmission	4,985	4,989	4,993	4,997	4,997	4,997	4,997	4,997	4,997	4,997	4,997	4,997	59,939
8	MVP: Ellendale to Big Stone South	7,845	7,845	7,845	7,845	7,845	7,845	7,845	7,845	7,845	7,845	7,845	7,845	94,141
9	Ramsey 230/115 kV Transformer Upgrade	1,205	1,205	1,205	1,205	1,205	1,205	1,205	1,205	1,205	1,205	1,205	1,205	14,457
10	Karlstad, MN Capacitor Bank Project	3,567	3,567	3,567	3,567	3,567	3,567	3,567	3,567	3,567	3,567	3,567	3,567	42,807
11	Oakes Area Transmission Improvements	20,971	20,971	20,971	20,971	20,971	20,971	20,971	20,971	20,971	20,971	20,971	20,971	251,649
12	Hankinson Transformer Addition	2,411	2,411	2,411	2,411	2,411	2,411	2,411	2,411	2,411	2,411	2,411	2,411	28,937
13	NERC Compliance	46,647	46,647	46,647	46,647	46,647	46,647	46,647	46,647	46,647	46,647	46,647	46,647	559,767
14	Summit Transformer	2,384	2,384	2,384	2,384	2,384	2,384	2,384	2,384	2,384	2,384	2,384	2,384	28,612
15	Spiritwood Station Interconnection	2,519	2,519	2,519	2,519	2,519	2,519	2,519	2,519	2,519	2,519	2,519	2,519	30,234
16	Max- Ryder 41.6 kV Line Upgrades	5,486	5,517	5,547	5,578	5,608	5,639	5,669	5,700	5,730	5,761	5,791	5,822	67,848
17	Rugby Breaker Station	5,413	5,413	5,413	5,413	5,413	5,413	5,413	5,413	5,413	5,413	5,413	5,413	64,960
18	Granville Jct Breaker Station	2,997	2,997	2,997	2,997	2,997	2,997	2,997	2,997	2,997	2,997	2,997	2,997	35,970
19	Bagley 115kV Switch Station	5,470	5,470	5,470	5,470	5,470	5,470	5,470	5,470	5,470	5,470	5,470	6,615	67,928
20	Total Revenue Requirements	444,214	444,248	449,882	444,245	444,276	449,906	444,337	444,367	449,997	444,428	445,603	451,233	5,356,736
MISO & SPP Expenses														
23	MISO Schedule 26 Expense	485,728	445,668	425,638	365,548	315,473	345,518	400,600	400,600	345,518	390,585	400,600	500,750	4,822,225
24	MISO Schedule 26A Expense	289,914	261,250	252,884	221,319	205,456	202,418	220,116	220,192	210,355	221,644	247,196	276,621	2,829,366
25	SPP Schedule 9 Expense	4,654	77,104	77,104	77,104	77,104	77,104	77,104	77,104	77,104	77,104	77,104	77,104	852,796
26	SPP Schedule 11 Expense	3,292	6,501	6,501	6,501	6,501	6,501	6,501	6,501	6,501	6,501	6,501	6,501	74,798
27	Total MISO & SPP Expenses	783,588	790,522	762,126	670,471	604,533	631,540	704,321	704,396	639,477	695,833	731,401	860,975	8,579,185
MISO Revenues														
30	MISO Schedule 9 Revenue	(37,079)	(17,751)	(24,582)	(37,019)	(4,647)	(21,663)	(27,784)	(31,121)	(23,499)	(39,206)	(44,465)	(66,520)	(375,335)
31	MISO Schedule 26 Revenue	(413,643)	(413,643)	(413,643)	(413,643)	(413,643)	(413,643)	(413,643)	(413,643)	(413,643)	(413,643)	(413,643)	(413,643)	(4,963,718)
32	MISO Schedule 37 Revenue	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
33	MISO Schedule 38 Revenue	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
34	MISO Schedule 26A Revenue	(50,997)	(50,984)	(50,992)	(50,986)	(50,996)	(50,997)	(51,011)	(51,013)	(51,028)	(51,036)	(51,039)	(51,040)	(612,119)
35	MISO MVP ARR Revenue	(1,782)	(1,782)	(1,782)	(1,782)	(1,782)	(1,782)	(1,782)	(1,782)	(1,782)	(1,782)	(1,782)	(1,782)	(21,383)
36	Total MISO Revenues	(503,500)	(484,160)	(490,999)	(503,430)	(471,068)	(488,085)	(494,220)	(497,559)	(489,952)	(505,667)	(510,929)	(532,985)	(5,972,555)
37	Net Revenue Requirement	724,302	750,610	721,009	611,287	577,741	593,361	654,438	651,204	599,522	634,594	666,075	779,223	7,963,367
39	Billed (forecast kWh x adj factor)	873,414	849,179	763,859	698,583	567,006	535,991	557,241	576,413	574,530	556,749	661,002	744,740	7,958,707
42	Difference	(149,113)	(98,569)	(42,849)	(87,296)	10,735	57,370	97,197	74,792	24,992	77,846	5,073	34,483	4,660
43	Carrying Charge	82	(989)	(1,703)	(2,023)	(2,665)	(2,607)	(2,213)	(1,531)	(1,005)	(833)	(280)	(246)	(16,014)
44	Cummulative Difference	(137,677)	(237,234)	(281,787)	(371,106)	(363,036)	(308,273)	(213,289)	(140,029)	(116,042)	(39,030)	(34,237)	(0)	(0)
46	Carrying Charge Calculation	(989)	(1,703)	(2,023)	(2,665)	(2,607)	(2,213)	(1,531)	(1,005)	(833)	(280)	(246)	(0)	
47	Cumulative Carrying Charge	(110,906)	(112,609)	(114,632)	(117,297)	(119,904)	(122,117)	(123,648)	(124,654)	(125,487)	(125,767)	(126,013)	(126,013)	
48	Carrying cost	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	8.62%	
51	Forecasted Sales (MWh)	198,821	193,304	173,882	159,023	129,071	122,011	126,848	131,213	130,784	126,736	150,468	169,530	1,811,694

SUMMARY		Jan 2018 - Dec 2018
Revenue requirements		\$7,963,367
Carrying Charge		(16,014)
2017 True-Up		11,354
Total requirements		\$7,958,707
Jan 2018-Dec 2018 projected sales in MWh		1,811,694
Average Rate		\$0.00439

Line No.	Year>>	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	
		Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Projected August	Projected September	Projected October	Projected November	Projected December	Projected Total	
RATE BASE															
1	Plant Balance	8,016,682	8,016,682	8,016,682	8,016,682	8,016,682	8,016,682	8,016,682	8,016,682	13,311,359	13,311,359	13,311,359	13,311,359	13,311,359	
2	Accumulated Depreciation	(395,809)	(407,287)	(418,766)	(430,244)	(441,723)	(453,201)	(464,679)	(476,158)	(487,636)	(499,115)	(510,594)	(522,073)	(533,552)	
3	Net Plant in Service	7,620,873	7,609,395	7,597,916	7,586,438	7,574,959	7,563,481	7,552,003	7,540,524	7,529,046	12,812,245	12,793,276	12,774,306	12,755,337	
4	CWIP	4,289,658	4,471,662	4,586,322	4,725,211	4,753,663	4,806,758	4,843,879	4,913,289	5,131,745	0	0	0	0	
5	ADIT - NOL DTA	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	(2,094)	
6	Reversal of ADIT - NOL DTA	1,569	1,617	1,664	1,712	1,760	1,808	1,855	1,903	1,951	1,999	2,046	2,094	2,094	
7	ADIT Proration Factors	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
8	Accumulated Deferred Income Taxes Federal & State	(1,818,444)	(1,823,091)	(1,827,737)	(1,832,384)	(1,837,030)	(1,841,677)	(1,846,323)	(1,850,970)	(1,855,616)	(2,210,520)	(2,562,591)	(2,914,663)	(3,266,735)	
9	Ending rate base	10,091,562	10,257,488	10,356,072	10,478,883	10,491,258	10,528,276	10,549,320	10,602,653	10,805,031	10,601,629	10,230,636	9,859,643	9,859,643	
10															
11	OTP Load Percentage	51.28%	51.28%	51.28%	51.28%	51.28%	51.28%	51.28%	51.28%	51.28%	51.28%	51.28%	51.28%	51.28%	
12	Remove Non-OTP Load Portion	(4,916,912)	(4,997,756)	(5,045,789)	(5,105,626)	(5,111,656)	(5,129,692)	(5,139,945)	(5,165,930)	(5,264,535)	(5,165,432)	(4,984,673)	(4,803,914)	(4,803,914)	
12	Retail Ending Rate Base	5,174,650	5,259,732	5,310,283	5,373,257	5,379,603	5,398,584	5,409,375	5,436,722	5,540,496	5,436,198	5,245,963	5,055,729	5,055,729	
13															
14	Average rate base	443,016	443,016	443,016	443,016	443,016	443,016	443,016	443,016	443,016	443,016	443,016	443,016	5,316,193	
15															
16	Return on Rate Base	38,170	38,170	38,170	38,170	38,170	38,170	38,170	38,170	38,170	38,170	38,170	38,170	458,041	
17															
18	Available for return (equity portion of rate base)	25,382	25,382	25,382	25,382	25,382	25,382	25,382	25,382	25,382	25,382	25,382	25,382	304,587	
19															
20	EXPENSES														
21	O&M and Depreciation														
22	Operating Costs	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	Property Tax	5,211	5,211	5,211	5,211	5,211	5,211	5,211	5,211	5,211	5,211	5,211	5,211	62,530	
24	Book Depreciation	11,478	11,478	11,478	11,478	11,478	11,478	11,478	11,478	11,478	11,478	18,969	18,969	152,723	
25	Total O&M and Depreciation Expense	16,689	16,689	16,689	16,689	16,689	16,689	16,689	16,689	16,689	16,689	24,180	24,180	215,253	
26															
27	OTP Load Percentage	51.28%	51.28%	51.28%	51.28%	51.28%	51.28%	51.28%	51.28%	51.28%	51.28%	51.28%	51.28%	51.28%	
28	Remove Non-OTP Load Portion	(8,132)	(8,132)	(8,132)	(8,132)	(8,132)	(8,132)	(8,132)	(8,132)	(8,132)	(8,132)	(11,781)	(11,781)	(104,878)	
29	Retail O&M and Depreciation Expenses	8,558	8,558	8,558	8,558	8,558	8,558	8,558	8,558	8,558	8,558	12,399	12,399	110,375	
30															
31	Income before Taxes														
32	Available for return (from above)	25,382	25,382	25,382	25,382	25,382	25,382	25,382	25,382	25,382	25,382	25,382	25,382	304,587	
33	Taxable Income (grossed up)	40,809	40,809	40,809	40,809	40,809	40,809	40,809	40,809	40,809	40,809	40,809	40,809	489,702	
34															
35	Income Taxes														
36	Current and Def Income Taxes	15,426	15,426	15,426	15,426	15,426	15,426	15,426	15,426	15,426	15,426	15,426	15,426	185,115	
37	Total Income Tax Expense	15,426	15,426	15,426	15,426	15,426	15,426	15,426	15,426	15,426	15,426	15,426	15,426	185,115	
38															
39															
40	REVENUE REQUIREMENTS														
41	Expenses	23,984	23,984	23,984	23,984	23,984	23,984	23,984	23,984	23,984	23,984	27,825	27,825	400,367	
42	Return on rate base	38,170	38,170	38,170	38,170	38,170	38,170	38,170	38,170	38,170	38,170	38,170	38,170	458,041	
43	Subtotal revenue requirements	62,154	62,154	62,154	62,154	62,154	62,154	62,154	62,154	62,154	62,154	65,995	65,995	858,409	
44	Adjustments	0	0	0	0	0	0	0	0	0	0	0	0	0	
45	Wholesale Revenue Credit	0	0	0	0	0	0	0	0	0	0	0	0	0	
46	Total revenue requirements	62,154	62,154	62,154	62,154	62,154	62,154	62,154	62,154	62,154	62,154	65,995	65,995	858,409	
47															
48	North Dakota share - D2 factor	25,643	25,643	25,643	25,643	25,643	25,643	25,643	25,643	25,643	25,643	27,228	27,228	310,886	

Line No.	SUPPORTING INFORMATION / DATA														
1	ND Cap Structure with allowed ROE per order.														
2	Capital Structure														
3	Debt	Ratio	Cost	WA Cost											Property tax
4		43.11%	6.30%	2.72%											2017 composite rate
5	Preferred equity	3.60%	4.75%	0.17%											0.78%
6	Common equity	53.30%	10.75%	5.73%											
7	Total	100.00%		8.62%	Overall Return										
8															
9															
10	Project life (years)	Book	Tax												
11		50	15-year MACRS												
12															
13	Effective Tax Rate	Fed Portion	State Portion												
14		37.80%	33.49%	4.31%											
15	Tax conversion factor	1.60776													
16	Wholesale Revenue Credit	0.00%													
17	ND share - D2 factor	41.2573%													
18	Deferred Tax														
19	Book depreciation	11,478	11,478	11,478	11,478	11,478	11,478	11,478	11,478	11,478	11,478	18,969	18,969	152,723	
20	Tax depreciation-Federal	23,770	23,770	23,770	23,770	23,770	23,770	23,770	23,770	23,770	23,770	950,339	950,339	3,064,950	
21	Tax depreciation-ND	23,770	23,770	23,770	23,770	23,770	23,770	23,770	23,770	23,770	23,770	950,339	950,339	3,064,950	
22	Federal deferred income taxes	(4,117)	(4,117)	(4,117)	(4,117)	(4,117)	(4,117)	(4,117)	(4,117)	(4,117)	(4,117)	(314,438)	(311,930)	(975,349)	
23	State deferred income taxes	(530)	(530)	(530)	(530)	(530)	(530)	(530)	(530)	(530)	(530)	(40,465)	(40,142)	(125,517)	

Line No.	Year>>	2018 Projected January	2018 Projected February	2018 Projected March	2018 Projected April	2018 Projected May	2018 Projected June	2018 Projected July	2018 Projected August	2018 Projected September	2018 Projected October	2018 Projected November	2018 Projected December	2018 Projected Total
RATE BASE														
1	Plant Balance	74,238,385	74,614,802	74,990,236	74,990,236	74,990,236	74,990,236	74,990,236	74,990,236	74,990,236	74,990,236	74,990,236	74,990,236	74,990,236
2	Accumulated Depreciation	(119,533)	(224,518)	(330,035)	(436,083)	(542,132)	(648,180)	(754,229)	(860,277)	(966,325)	(1,072,374)	(1,178,422)	(1,284,470)	(1,284,470)
3	Net Plant in Service	74,118,852	74,390,284	74,660,201	74,554,152	74,448,104	74,342,056	74,236,007	74,129,959	74,023,910	73,917,862	73,811,814	73,705,765	73,705,765
4	CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0
5	ADIT Federal Proration Factors	0.9178	0.8411	0.7562	0.6740	0.5890	0.5068	0.4219	0.3370	0.2548	0.1699	0.0877	0.0027	
6	Accumulated Deferred Income Taxes Federal & State	(14,744,953)	(14,818,300)	(14,885,064)	(14,945,485)	(14,999,512)	(15,047,352)	(15,088,799)	(15,123,853)	(15,152,720)	(15,175,194)	(15,191,480)	(15,201,373)	(15,201,373)
7	Ending rate base	59,373,898	59,571,984	59,775,136	59,608,667	59,448,592	59,294,703	59,147,208	59,006,106	58,871,190	58,742,668	58,620,334	58,504,392	58,504,392
8														
9	Composite OTP Rate Base Retail Load Percentage	1.786%	1.787%	1.788%	1.788%	1.788%	1.788%	1.788%	1.788%	1.788%	1.788%	1.788%	1.788%	1.788%
10	Remove Non-OTP Load Portion	(58,313,185)	(58,507,176)	(58,706,143)	(58,542,670)	(58,385,476)	(58,234,359)	(58,089,520)	(57,950,960)	(57,818,476)	(57,692,272)	(57,572,144)	(57,458,295)	(57,458,295)
11	Retail Ending Rate Base	1,060,713	1,064,808	1,068,993	1,065,997	1,063,115	1,060,345	1,057,688	1,055,146	1,052,714	1,050,397	1,048,190	1,046,097	1,046,097
12	Average rate base	88,154	88,154	88,154	88,154	88,154	88,154	88,154	88,154	88,154	88,154	88,154	88,154	1,057,843
13														
14	Return on Rate Base	7.024	7.024	7.024	7.024	7.024	7.024	7.024	7.024	7.024	7.024	7.024	7.024	84,286
15														
16	Available for return (equity portion of rate base)	4,767	4,767	4,767	4,767	4,767	4,767	4,767	4,767	4,767	4,767	4,767	4,767	57,203
17														
EXPENSES														
O&M and Depreciation														
19	Operating Costs	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	150,000
20	Property Tax	32,465	32,465	32,465	32,465	32,465	32,465	32,465	32,465	32,465	32,465	32,465	32,465	389,577
21	Book Depreciation	104,528	104,985	105,517	106,048	106,048	106,048	106,048	106,048	106,048	106,048	106,048	106,048	1,269,465
22	Total O&M and Depreciation Expense	149,493	149,949	150,482	151,013	151,013	151,013	151,013	151,013	151,013	151,013	151,013	151,013	1,809,043
23														
24														
25	Composite OTP Expense Retail Load Percentage	1.785%	1.785%	1.786%	1.787%	1.787%	1.787%	1.787%	1.787%	1.787%	1.787%	1.787%	1.787%	1.786%
26	Remove Non-OTP Load Portion	(146,824)	(147,272)	(147,795)	(148,315)	(148,315)	(148,315)	(148,315)	(148,315)	(148,315)	(148,315)	(148,315)	(148,315)	(1,776,729)
27	Retail O&M and Depreciation Expenses	2,668	2,677	2,687	2,698	2,698	2,698	2,698	2,698	2,698	2,698	2,698	2,698	32,314
28														
29	Income before Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0
30	Available for return (from above)	4,767	4,767	4,767	4,767	4,767	4,767	4,767	4,767	4,767	4,767	4,767	4,767	57,203
31	Taxable Income (grossed up)	7,664	7,664	7,664	7,664	7,664	7,664	7,664	7,664	7,664	7,664	7,664	7,664	91,968
32														
33	Income Taxes													
34	Current and Def Income Taxes	2,897	2,897	2,897	2,897	2,897	2,897	2,897	2,897	2,897	2,897	2,897	2,897	34,765
35	Total Income Tax Expense	2,897	2,897	2,897	2,897	2,897	2,897	2,897	2,897	2,897	2,897	2,897	2,897	34,765
36														
37														
REVENUE REQUIREMENTS														
38														
39	Expenses	5,565	5,574	5,585	5,595	5,595	5,595	5,595	5,595	5,595	5,595	5,595	5,595	1,843,808
40	Return on rate base	7,024	7,024	7,024	7,024	7,024	7,024	7,024	7,024	7,024	7,024	7,024	7,024	84,286
41	Subtotal revenue requirements	12,589	12,598	12,608	12,619	12,619	12,619	12,619	12,619	12,619	12,619	12,619	12,619	1,928,094
42	Adjustments	0	0	0	0	0	0	0	0	0	0	0	0	0
43	Wholesale Revenue Credit	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Total revenue requirements	12,589	12,598	12,608	12,619	12,619	12,619	12,619	12,619	12,619	12,619	12,619	12,619	1,928,094
45														
46														
47	North Dakota share - D2 factor	4,985	4,989	4,993	4,997	4,997	4,997	4,997	4,997	4,997	4,997	4,997	4,997	59,939

Line No.	SUPPORTING INFORMATION / DATA
1	ND Cap Structure with allowed ROE per order.
2	Capital Structure
3	Debt
4	Preferred equity
5	Common equity
6	Total
7	
8	
9	
10	Project life (years)
11	
12	
13	Effective Tax Rate
14	Tax conversion factor
15	Wholesale Revenue Credit
16	ND share - D2 factor
17	
18	Deferred Tax
19	Book depreciation
20	Tax depreciation-Federal
21	Tax depreciation-ND
22	Federal deferred income taxes
23	State deferred income taxes

	Ratio	Cost	WA Cost	Property tax
Debt	47.50%	5.39%	2.56%	2018 composite rate 0.54%
Preferred equity	0.00%	0.00%	0.00%	
Common equity	52.50%	10.30%	5.41%	
Total	100.00%		7.97% Overall Return	
	Book	Tax		
	50	15-year MACRS		
		Fed Portion	State Portion	
Effective Tax Rate	37.80%	33.49%	4.31%	
Tax conversion factor	1.60776			
Wholesale Revenue Credit	0.00%			
ND share - D2 factor	39.5989%			
Book depreciation	104,528	104,985	105,517	106,048
Tax depreciation-Federal	330,807	330,807	330,807	330,807
Tax depreciation-ND	330,807	330,807	330,807	330,807
Federal deferred income taxes	(75,784)	(75,631)	(75,453)	(75,275)
State deferred income taxes	(9,753)	(9,733)	(9,710)	(9,687)

Line No.	Year>>	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017	2017
		Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Projected August	Projected September	Projected October	Projected November	Projected December	Projected Total
RATE BASE														
1	Plant Balance	814,410	814,410	852,057	852,057	852,057	852,057	852,057	1,291,670	1,291,670	1,291,670	1,446,541	1,496,117	1,496,117
2	Accumulated Depreciation	(6,336)	(7,579)	(8,822)	(10,122)	(11,423)	(12,723)	(14,023)	(15,324)	(17,295)	(19,266)	(21,237)	(23,445)	(23,445)
3	Net Plant in Service	808,074	806,831	843,235	841,934	840,634	839,334	838,034	1,276,346	1,274,375	1,272,403	1,425,303	1,472,673	1,472,673
4	CWIP (Project #127607 & #128423)	200,596	255,230	265,931	362,813	449,913	461,818	495,108	55,496	178,594	207,048	62,496	4,837	4,837
5	ADIT Federal Proration Factors	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
6	Accumulated Deferred Income Taxes Federal & State	(176,801)	(188,800)	(200,799)	(212,776)	(224,753)	(236,731)	(248,708)	(260,685)	(272,409)	(284,132)	(295,856)	(307,490)	(307,490)
7	Ending rate base	831,868	873,261	908,367	991,971	1,065,794	1,064,421	1,084,434	1,071,157	1,180,560	1,195,320	1,191,944	1,170,020	1,170,020
8														
9	Average rate base	86,947	86,947	86,947	86,947	86,947	86,947	86,947	86,947	86,947	86,947	86,947	86,947	1,043,362
10														
11	Return on Rate Base	7,491	7,491	7,491	7,491	7,491	7,491	7,491	7,491	7,491	7,491	7,491	7,491	89,896
12														
13	Available for return (equity portion of rate base)	4,982	4,982	4,982	4,982	4,982	4,982	4,982	4,982	4,982	4,982	4,982	4,982	59,779
14														
EXPENSES														
O&M and Depreciation														
17	Operating Costs	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Property Tax	529	529	529	529	529	529	529	529	529	529	529	529	6,349
19	Book Depreciation	1,242	1,243	1,243	1,300	1,300	1,300	1,300	1,300	1,971	1,971	1,971	2,208	18,351
20	Total O&M and Depreciation Expense	1,771	1,772	1,772	1,829	1,829	1,829	1,829	1,829	2,500	2,500	2,500	2,737	24,699
21														
22	Income before Taxes													
23	Available for return (from above)	4,982	4,982	4,982	4,982	4,982	4,982	4,982	4,982	4,982	4,982	4,982	4,982	59,779
24	Taxable Income (grossed up)	8,009	8,009	8,009	8,009	8,009	8,009	8,009	8,009	8,009	8,009	8,009	8,009	96,110
25														
26	Income Taxes													
27	Current and Def Income Taxes	3,028	3,028	3,028	3,028	3,028	3,028	3,028	3,028	3,028	3,028	3,028	3,028	36,331
28	Total Income Tax Expense	3,028	3,028	3,028	3,028	3,028	3,028	3,028	3,028	3,028	3,028	3,028	3,028	36,331
29														
30														
REVENUE REQUIREMENTS														
32	Expenses	4,799	4,799	4,799	4,857	4,857	4,857	4,857	4,857	5,528	5,528	5,528	5,764	61,030
33	Return on rate base	7,491	7,491	7,491	7,491	7,491	7,491	7,491	7,491	7,491	7,491	7,491	7,491	89,896
34	Subtotal revenue requirements	12,290	12,291	12,291	12,348	12,348	12,348	12,348	12,348	13,019	13,019	13,019	13,255	150,926
35	Adjustments	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Wholesale Revenue Credit	(1,096)	(1,096)	(1,096)	(1,101)	(1,103)	(1,101)	(1,101)	(1,101)	(1,161)	(1,161)	(1,161)	(1,182)	(13,462)
37	Total revenue requirements	11,194	11,195	11,195	11,247	11,246	11,247	11,247	11,247	11,858	11,858	11,858	12,073	137,464
38														
39	North Dakota share - D2 factor	4,618	4,619	4,619	4,640	4,640	4,640	4,640	4,640	4,892	4,892	4,892	4,981	56,714

Line No.	SUPPORTING INFORMATION / DATA													
1	ND Cap Structure with allowed ROE per order.													
2	Capital Structure	Ratio	Cost	WA Cost										
4	Debt	43.11%	6.30%	2.72%	Property tax									
5	Preferred equity	3.60%	4.75%	0.17%	2017 composite rate									
6	Common equity	53.30%	10.75%	5.73%	0.78%									
7	Total	100.00%		8.62%	Overall Return									
8														
9														
10	Project life (years)	Book	Tax											
11		50	15-year MACRS											
12				Fed Portion	State Portion									
13	Effective Tax Rate	37.80%	33.49%	4.31%										
14	Tax conversion factor	1.60776												
15	Wholesale Revenue Credit	8.92%												
16	ND share - D2 factor	41.25727%												
17														
18	Deferred Tax													
19	Book depreciation	1,242	1,243	1,243	1,300	1,300	1,300	1,300	1,300	1,971	1,971	1,971	2,208	18,351
20	Tax depreciation-Federal	32,985	32,985	32,985	32,985	32,985	32,985	32,985	32,985	32,985	32,985	32,985	32,985	395,817
21	Tax depreciation-ND	32,985	32,985	32,985	32,985	32,985	32,985	32,985	32,985	32,985	32,985	32,985	32,985	395,817
22	Federal deferred income taxes	(10,631)	(10,631)	(10,631)	(10,612)	(10,612)	(10,612)	(10,612)	(10,612)	(10,387)	(10,387)	(10,387)	(10,308)	(126,419)
23	State deferred income taxes	(1,368)	(1,368)	(1,368)	(1,366)	(1,366)	(1,366)	(1,366)	(1,366)	(1,337)	(1,337)	(1,337)	(1,326)	(16,269)

Line No.	Year>>	2018 Projected Jan	2018 Projected Feb	2018 Projected Mar	2018 Projected Apr	2018 Projected May	2018 Projected Jun	2018 Projected Jul	2018 Projected Aug	2018 Projected Sep	2018 Projected Oct	2018 Projected Nov	2018 Projected Dec	2018 Projected Total	
RATE BASE															
1	Plant Balance	1,818,718	1,818,718	1,818,718	1,818,718	1,818,718	1,818,718	1,818,718	1,818,718	1,818,718	1,818,718	1,818,718	1,818,718	1,818,718	
2	Accumulated Depreciation	(14,167)	(16,532)	(18,897)	(21,261)	(23,626)	(25,991)	(28,356)	(30,720)	(33,085)	(35,450)	(37,815)	(40,180)	(40,180)	
3	Net Plant in Service	1,804,551	1,802,187	1,799,822	1,797,457	1,795,092	1,792,727	1,790,363	1,787,998	1,785,633	1,783,268	1,780,903	1,778,539	1,778,539	
CWIP Calculation:															
	Beginning Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Additional CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Closings from CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0	
	AFDUC	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	CWIP (Project #105866)	105866	0	0	0	0	0	0	0	0	0	0	0	0	
5	ADIT Federal Proration Factors	0.9178	0.8411	0.7562	0.6740	0.5890	0.5068	0.4219	0.3370	0.2548	0.1699	0.0877	0.0027	0	
6	Accumulated Deferred Income Taxes Federal & State	(358,172)	(359,742)	(361,175)	(362,474)	(363,636)	(364,665)	(365,557)	(366,311)	(366,932)	(367,415)	(367,765)	(367,978)	(367,978)	
7	Ending rate base	1,446,379	1,442,444	1,438,647	1,434,983	1,431,456	1,428,062	1,424,806	1,421,687	1,418,701	1,415,853	1,413,138	1,410,560	1,410,560	
8	Average rate base	119,084	119,084	119,084	119,084	119,084	119,084	119,084	119,084	119,084	119,084	119,084	119,084	1,429,012	
9	Return on Rate Base	9,488	9,488	9,488	9,488	9,488	9,488	9,488	9,488	9,488	9,488	9,488	9,488	113,860	
10															
11	Available for return (equity portion of rate base)	6,439	6,439	6,439	6,439	6,439	6,439	6,439	6,439	6,439	6,439	6,439	6,439	77,274	
12															
13															
14															
EXPENSES															
O&M and Depreciation															
17	Operating Costs	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	Property Tax	1,182	1,182	1,182	1,182	1,182	1,182	1,182	1,182	1,182	1,182	1,182	1,182	14,186	
19	Book Depreciation	2,365	2,365	2,365	2,365	2,365	2,365	2,365	2,365	2,365	2,365	2,365	2,365	28,377	
20	Total O&M and Depreciation Expense	3,547	3,547	3,547	3,547	3,547	3,547	3,547	3,547	3,547	3,547	3,547	3,547	42,563	
21															
22	Income before Taxes														
23	Available for return (from above)	6,439	6,439	6,439	6,439	6,439	6,439	6,439	6,439	6,439	6,439	6,439	6,439	77,274	
24	Taxable Income (grossed up)	10,353	10,353	10,353	10,353	10,353	10,353	10,353	10,353	10,353	10,353	10,353	10,353	124,237	
25															
26	Income Taxes														
27	Current and Def Income Taxes	3,914	3,914	3,914	3,914	3,914	3,914	3,914	3,914	3,914	3,914	3,914	3,914	46,964	
28	Total Income Tax Expense	3,914	3,914	3,914	3,914	3,914	3,914	3,914	3,914	3,914	3,914	3,914	3,914	46,964	
29															
30															
31	REVENUE REQUIREMENTS														
32	Expenses	7,461	7,461	7,461	7,461	7,461	7,461	7,461	7,461	7,461	7,461	7,461	7,461	89,527	
33	Return on rate base	9,488	9,488	9,488	9,488	9,488	9,488	9,488	9,488	9,488	9,488	9,488	9,488	113,860	
34	Subtotal revenue requirements	16,949	16,949	16,949	16,949	16,949	16,949	16,949	16,949	16,949	16,949	16,949	16,949	203,387	
35	Adjustments	0	0	0	0	0	0	0	0	0	0	0	0	0	
36	Wholesale Revenue Credit	(3,279)	(3,279)	(3,279)	(3,279)	(3,279)	(3,279)	(3,279)	(3,279)	(3,279)	(3,279)	(3,279)	(3,279)	(39,343)	
37	Total revenue requirements	13,670	13,670	13,670	13,670	13,670	13,670	13,670	13,670	13,670	13,670	13,670	13,670	164,044	
38															
39	North Dakota share - D2 factor	5,413	5,413	5,413	5,413	5,413	5,413	5,413	5,413	5,413	5,413	5,413	5,413	64,960	

Line No.	SUPPORTING INFORMATION / DATA
1	
2	ND Cap Structure with allowed ROE per order.
3	Capital Structure
4	Debt
5	Preferred equity
6	Common equity
7	Total
8	
9	
10	Project life (years)
11	
12	
13	Effective Tax Rate
14	Tax conversion factor
15	Wholesale Revenue Credit
16	ND share - D2 factor
17	
18	Deferred Tax
19	Book depreciation
20	Tax depreciation-Federal
21	Tax depreciation-ND
22	Federal deferred income taxes
23	State deferred income taxes

Ratio	Cost	WA Cost	Property tax
47.50%	5.39%	2.56%	2018 composite rate
0.00%	0.00%	0.00%	0.78%
52.50%	10.30%	5.41%	
100.00%		7.97% Overall Return	
	Book	Tax	
	50	15-year MACRS	
		Fed Portion	State Portion
	37.80%	33.49%	4.31%
	1.60776		
	19.34%		
	39.5989%		
	2,365	2,365	2,365
	7,199	7,199	7,199
	7,199	7,199	7,199
	(1,619)	(1,619)	(1,619)
	(208)	(208)	(208)

Line No.	Year>>	2018 Projected January	2018 Projected February	2018 Projected March	2018 Projected April	2018 Projected May	2018 Projected June	2018 Projected July	2018 Projected August	2018 Projected September	2018 Projected October	2018 Projected November	2018 Projected December	2018 Projected Total
RATE BASE														
1	Plant Balance	0	0	0	0	0	0	0	0	0	2,757,106	2,757,106	2,757,106	2,757,106
2	Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	(3,585)	(7,170)	(7,170)
3	Net Plant in Service	0	0	0	0	0	0	0	0	0	2,757,106	2,753,522	2,749,937	2,749,937
CWIP Calculation:														
	Beginning Balance	857,106	857,106	857,106	857,106	857,106	1,757,106	2,057,106	2,307,106	2,557,106	2,707,106	0	0	0
	Additional CWIP	0	0	0	0	900,000	300,000	0	250,000	150,000	50,000	0	0	1,900,000
	Closings from CWIP										(2,757,106)	0	0	
	AFDUC											0	0	
4	CWIP (Project #106134)	106134	857,106	857,106	857,106	1,757,106	2,057,106	2,307,106	2,557,106	2,707,106	0	0	0	0
5	ADIT Proration Factors	0.9178	0.8411	0.7562	0.6740	0.5890	0.5068	0.4219	0.3370	0.2548	0.1699	0.0877	0.0027	
6	Accumulated Deferred Income Taxes Federal & State	0	0	0	0	0	0	0	0	0	(39,514)	(67,891)	(85,128)	(85,128)
7	Ending rate base	857,106	857,106	857,106	857,106	1,757,106	2,057,106	2,307,106	2,557,106	2,707,106	2,717,592	2,685,631	2,664,809	2,664,809
8	Average rate base	152,174	152,174	152,174	152,174	152,174	152,174	152,174	152,174	152,174	152,174	152,174	152,174	1,826,084
9	Return on Rate Base	12,125	12,125	12,125	12,125	12,125	12,125	12,125	12,125	12,125	12,125	12,125	12,125	145,498
10														
11	Available for return (equity portion of rate base)	8,229	8,229	8,229	8,229	8,229	8,229	8,229	8,229	8,229	8,229	8,229	8,229	98,746
12														
13														
14														
EXPENSES														
O&M and Depreciation														
17	Operating Costs	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Property Tax	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Book Depreciation	0	0	0	0	0	0	0	0	0	0	3,585	3,585	7,170
20	Total O&M and Depreciation Expense	0	0	0	0	0	0	0	0	0	0	3,585	3,585	7,170
21	Income before Taxes													
23	Available for return (from above)	8,229	8,229	8,229	8,229	8,229	8,229	8,229	8,229	8,229	8,229	8,229	8,229	98,746
24	Taxable Income (grossed up)	13,230	13,230	13,230	13,230	13,230	13,230	13,230	13,230	13,230	13,230	13,230	13,230	158,759
25														
26	Income Taxes													
27	Current and Def Income Taxes	5,001	5,001	5,001	5,001	5,001	5,001	5,001	5,001	5,001	5,001	5,001	5,001	60,013
28	Total Income Tax Expense	5,001	5,001	5,001	5,001	5,001	5,001	5,001	5,001	5,001	5,001	5,001	5,001	60,013
29														
30														
REVENUE REQUIREMENTS														
32	Expenses	5,001	5,001	5,001	5,001	5,001	5,001	5,001	5,001	5,001	5,001	8,586	8,586	67,183
33	Return on rate base	12,125	12,125	12,125	12,125	12,125	12,125	12,125	12,125	12,125	12,125	12,125	12,125	145,498
34	Subtotal revenue requirements	17,126	17,126	17,126	17,126	17,126	17,126	17,126	17,126	17,126	17,126	20,711	20,711	212,681
35	Adjustments	0	0	0	0	0	0	0	0	0	0	0	0	0
36	Wholesale Revenue Credit	(3,313)	(3,313)	(3,313)	(3,313)	(3,313)	(3,313)	(3,313)	(3,313)	(3,313)	(3,313)	(4,006)	(4,006)	(41,141)
37	Total revenue requirements	13,813	13,813	13,813	13,813	13,813	13,813	13,813	13,813	13,813	13,813	16,705	16,705	171,540
38														
39	North Dakota share - D2 factor	5,470	5,470	5,470	5,470	5,470	5,470	5,470	5,470	5,470	5,470	6,615	6,615	67,928

Line No.	SUPPORTING INFORMATION / DATA
1	
2	ND Cap Structure with allowed ROE per order.
3	Capital Structure
4	Debt
5	Preferred equity
6	Common equity
7	Total
8	
9	
10	Project life (years)
11	
12	
13	Effective Tax Rate
14	Tax conversion factor
15	Wholesale Revenue Credit
16	ND share - D2 factor
17	
18	Deferred Tax
19	Book depreciation
20	Tax depreciation-Federal
21	Tax depreciation-ND
22	Federal deferred income taxes
23	State deferred income taxes

Ratio	Cost	WA Cost	Property tax
47.50%	5.39%	2.56%	2018 composite rate
0.00%	0.00%	0.00%	0.78%
52.50%	10.30%	5.41%	
100.00%		7.97% Overall Return	
Book	Tax		
50	15-year MACRS		
	Fed Portion	State Portion	
37.80%	33.49%	4.31%	
1.60776			
19.34%			
39.5989%			
0	0	0	0
0	0	0	395,185
0	0	0	395,185
0	0	0	395,185
0	0	0	(132,353)
0	0	0	(17,032)
0	0	0	3,585
0	0	0	395,185
0	0	0	395,185
0	0	0	(131,153)
0	0	0	(16,878)
0	0	0	7,170
0	0	0	1,185,556
0	0	0	1,185,556
0	0	0	(394,659)
0	0	0	(50,788)

2018 Attachment O Filing

Line No.					Allocated Amount
1	GROSS REVENUE REQUIREMENT (page 3, line 31)				\$37,582,992
	REVENUE CREDITS	(Note T)	<u>Total</u>	<u>Allocator</u>	
2	Account No. 454	(page 4, line 34)	109,188	TP 1.00000	109,188
3	Account No. 456.1	(page 4, line 37)	8,108,755	TP 1.00000	8,108,755
4	Revenues from Grandfathered Interzonal Transactions		0	TP 1.00000	0
5	Revenues from service provided by the ISO at a discount		0	TP 1.00000	0
6	TOTAL REVENUE CREDITS (sum lines 2-5)				8,217,943
7	To back out Schedule 9 Revenues received				(947,841)
8	Total Revenue Subject to the Wholesale Revenue Credit				7,270,101
				Wholesale Revenue Credit	19.34%

2017 Attachment O Filing

Line No.					Allocated Amount
1	GROSS REVENUE REQUIREMENT (page 3, line 31)				\$36,836,735
	REVENUE CREDITS	(Note T)	<u>Total</u>	<u>Allocator</u>	
2	Account No. 454	(page 4, line 34)	82,711	TP 1.00000	82,711
3	Account No. 456.1	(page 4, line 37)	5,926,663	TP 1.00000	5,926,663
4	Revenues from Grandfathered Interzonal Transactions		0	TP 1.00000	0
5	Revenues from service provided by the ISO at a discount		0	TP 1.00000	0
6	TOTAL REVENUE CREDITS (sum lines 2-5)				6,009,374
7	To back out Schedule 9 Revenues received				(2,820,166)
8	MISO ROE1 Refund				96,177
9	Total Revenue Subject to the Wholesale Revenue Credit				3,285,386
10				Wholesale Revenue Credit	8.92%

		2017													
Line No.		Jan Actual	Feb Actual	Mar Actual	Apr Actual	May Actual	Jun Actual	Jul Actual	Aug Projected	Sep Projected	Oct Projected	Nov Projected	Dec Projected	YE Projected	
	SCHEDULE 26														
1	MISO Schedule 26 Expense	1,327,320	1,221,578	1,282,902	966,112	868,746	885,388	1,006,313	1,097,905	946,943	1,070,457	1,097,905	1,372,381	13,143,952	
2	OTP owned portion of expenses not recoverable via rider	(17)	(16)	(17)	(13)	(11)	(12)	(13)	(14)	(12)	(14)	(14)	(18)	(171)	
3	MISO Schedule 26 Expense Recoverable	1,327,303	1,221,563	1,282,886	966,100	868,735	885,377	1,006,300	1,097,891	946,931	1,070,443	1,097,891	1,372,363	13,143,781	
4															
5	MISO Settlements	(5,690)	(1,212,448)			(181,226)								(1,399,363)	
6															
7	North Dakota share	41.257%	545,262	3,760	529,284	398,586	283,647	365,282	415,172	452,960	390,678	441,636	452,960	566,200	4,845,426
8															
9	MISO Schedule 26A Expense	1,115,117	556,039	532,073	438,839	448,769	433,451	451,733	526,911	504,058	531,031	591,806	663,183	6,793,011	
10															
11	MISO Settlements		(264,229)			(41,874)									
12															
13	North Dakota share	41.257%	460,067	120,393	219,519	181,053	167,874	178,830	217,389	207,961	219,089	244,163	273,611	2,676,321	

		2018													
Line No.		Jan Projected	Feb Projected	Mar Projected	Apr Projected	May Projected	Jun Projected	Jul Projected	Aug Projected	Sep Projected	Oct Projected	Nov Projected	Dec Projected	YE Projected	
	SCHEDULE 26														
1	MISO Schedule 26 Expense	1,226,635	1,125,469	1,074,886	923,138	796,680	872,555	1,011,658	1,011,658	872,555	986,366	1,011,658	1,264,572	12,177,829	
2	OTP owned portion of expenses not recoverable via rider	(16)	(15)	(14)	(12)	(10)	(11)	(13)	(13)	(11)	(13)	(13)	(16)	(158)	
3	MISO Schedule 26 Expense Recoverable	1,226,619	1,125,455	1,074,872	923,126	796,670	872,543	1,011,645	1,011,645	872,543	986,353	1,011,645	1,264,556	12,177,671	
4															
5	North Dakota share	39.599%	485,728	445,668	425,638	365,548	315,473	345,518	400,600	400,600	345,518	390,585	400,600	500,750	4,822,225
6															
7	MISO Schedule 26A Expense	732,127	659,740	638,615	558,902	518,843	511,172	555,865	556,055	531,215	559,722	624,249	698,557	7,145,062	
8															
9	North Dakota share	39.599%	289,914	261,250	252,884	221,319	205,456	202,418	220,116	220,192	210,355	221,644	247,196	2,829,366	

		2017												
Line No.		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE
	MISO Revenues	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Projected	Projected	Projected	Projected	Projected	Projected
1	MISO Schedule 9 Revenues (CPEC Portion)	(302,352)	(238,297)	(1,530,406)	(328,453)	(282,943)	(274,728)	(314,212)	(217,381)	(198,894)	(236,990)	(249,745)	(303,237)	(4,477,637)
2	CPEC Facility Credits in MISO	0	0	0	0	183,271	164,052	164,052	164,052	164,052	164,052	164,052	164,052	1,331,634
3	Non-OTP Schedule 9 Revenues	30,057	23,689	165,230	32,652	9,909	11,005	14,928	5,301	3,463	7,250	8,518	13,835	325,837
4	OTP Share of MISO Schedule 9 Revenues (CPEC Portion)	(272,295)	(214,608)	(1,365,176)	(295,801)	(89,763)	(99,671)	(135,232)	(48,028)	(31,378)	(65,688)	(77,175)	(125,350)	(2,820,166)
5	North Dakota share 41.257%	(112,342)	(88,541)	(563,234)	(122,039)	(37,034)	(41,122)	(55,793)	(19,815)	(12,946)	(27,101)	(31,840)	(51,716)	(1,163,523)

		2018												
Line No.		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YE
	MISO Revenues	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected
1	MISO Schedule 9 Revenues (CPEC Portion)	(268,022)	(213,826)	(232,982)	(267,854)	(177,082)	(224,795)	(241,958)	(251,316)	(229,944)	(273,988)	(288,733)	(350,576)	(3,021,077)
2	CPEC Facility Credits in MISO	164,052	164,052	164,052	164,052	164,052	164,052	164,052	164,052	164,052	164,052	164,052	164,052	1,968,621
3	Non-OTP Schedule 9 Revenues	10,335	4,948	6,852	10,318	1,295	6,038	7,744	8,674	6,550	10,928	12,393	18,541	104,614
4	OTP Share of MISO Schedule 9 Revenues (CPEC Portion)	(93,635)	(44,827)	(62,078)	(93,484)	(11,735)	(54,706)	(70,162)	(78,590)	(59,342)	(99,008)	(112,288)	(167,984)	(947,841)
5	North Dakota share 39.599%	(37,079)	(17,751)	(24,582)	(37,019)	(4,647)	(21,663)	(27,784)	(31,121)	(23,499)	(39,206)	(44,465)	(66,520)	(375,335)

Line No.	2017	2017												Total Projected	
		Jan Actual	Feb Actual	Mar Actual	Apr Actual	May Actual	Jun Actual	Jul Actual	Aug Projected	Sep Projected	Oct Projected	Nov Projected	Dec Projected		
1	Total Schedule 26 Revenue	(1,403,200)	(1,203,026)	(1,285,048)	(1,155,237)	(1,344,460)	(1,609,599)	(1,740,824)	(1,774,779)	(1,560,622)	(1,398,427)	(1,381,676)	(1,313,755)	(17,170,652)	
2	Overhead Credit for Non-Retail Share	1.106%	(15,525)	(13,310)	(14,218)	(12,781)	(14,875)	(17,808)	(19,260)	(19,636)	(17,267)	(15,472)	(15,287)	(14,535)	(189,974)
5	Fargo	67.043%	(940,747)	(806,545)	(861,534)	(774,506)	(901,366)	(1,079,123)	(1,167,101)	(1,189,865)	(1,046,288)	(937,548)	(926,317)	(880,781)	(11,511,720)
6	Retail Load Share		73.99%	73.99%	73.99%	73.99%	73.99%	73.99%	73.99%	73.99%	73.99%	73.99%	73.99%	73.99%	
7	Retail Revenue		(696,031)	(596,738)	(637,423)	(573,034)	(666,894)	(798,411)	(863,503)	(880,345)	(774,117)	(693,663)	(685,354)	(651,663)	(8,517,176)
9	Overhead Credit for Non-Retail Share		(10,408)	(8,924)	(9,532)	(8,569)	(9,973)	(11,939)	(12,913)	(13,165)	(11,576)	(10,373)	(10,249)	(9,745)	(127,364)
10	Non-Retail Load Share		26.01%	26.01%	26.01%	26.01%	26.01%	26.01%	26.01%	26.01%	26.01%	26.01%	26.01%	26.01%	
11	Non-Retail Overhead Credit		(2,708)	(2,321)	(2,480)	(2,229)	(2,594)	(3,106)	(3,359)	(3,424)	(3,011)	(2,698)	(2,666)	(2,535)	(33,131)
13	Total Revenue Credit for Fargo		(698,738)	(599,060)	(639,903)	(575,263)	(669,488)	(801,517)	(866,862)	(883,770)	(777,128)	(696,362)	(688,020)	(654,198)	(8,550,308)
16	Bemidji	14.635%	(205,358)	(176,063)	(188,067)	(169,069)	(196,762)	(235,565)	(254,770)	(259,739)	(228,397)	(204,660)	(202,208)	(192,268)	(2,512,925)
17	Retail Load Share		91.01%	91.01%	91.01%	91.01%	91.01%	91.01%	91.01%	91.01%	91.01%	91.01%	91.01%	91.01%	
18	Retail Revenue		(186,888)	(160,228)	(171,152)	(153,863)	(179,065)	(214,378)	(231,856)	(236,378)	(207,855)	(186,253)	(184,022)	(174,975)	(2,286,912)
20	Overhead Credit for Non-Retail Share		(2,272)	(1,948)	(2,081)	(1,871)	(2,177)	(2,606)	(2,819)	(2,874)	(2,527)	(2,264)	(2,237)	(2,127)	(27,803)
21	Non-Retail Load Share		8.99%	8.99%	8.99%	8.99%	8.99%	8.99%	8.99%	8.99%	8.99%	8.99%	8.99%	8.99%	
22	Non-Retail Overhead Credit		(204)	(175)	(187)	(168)	(196)	(234)	(254)	(258)	(227)	(204)	(201)	(191)	(2,501)
23	Total Revenue Credit for Bemidji		(187,093)	(160,403)	(171,339)	(154,031)	(179,261)	(214,612)	(232,109)	(236,636)	(208,082)	(186,456)	(184,223)	(175,167)	(2,289,413)
27	Cass Lake - Nary - Helga - Bemidji	6.243%	(87,602)	(75,105)	(80,226)	(72,121)	(83,935)	(100,487)	(108,680)	(110,799)	(97,430)	(87,304)	(86,258)	(82,018)	(1,071,964)
28	Retail Load Share		35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	
29	Retail Revenue		(30,661)	(26,287)	(28,080)	(25,243)	(29,378)	(35,172)	(38,039)	(38,781)	(34,101)	(30,557)	(30,191)	(28,707)	(375,198)
31	Overhead Credit for Non-Retail Share		(969)	(831)	(888)	(798)	(929)	(1,112)	(1,202)	(1,226)	(1,078)	(966)	(954)	(907)	(11,860)
32	Non-Retail Load Share		65.00%	65.00%	65.00%	65.00%	65.00%	65.00%	65.00%	65.00%	65.00%	65.00%	65.00%	65.00%	
33	Non-Retail Overhead Credit		(630)	(540)	(577)	(519)	(604)	(723)	(782)	(797)	(701)	(628)	(620)	(590)	(7,709)
35	Total Revenue Credit for Bemidji		(31,291)	(26,828)	(28,657)	(25,762)	(29,982)	(35,894)	(38,821)	(39,578)	(34,802)	(31,185)	(30,811)	(29,297)	(382,907)
27	Rugby	0.348%	(4,883)	(4,187)	(4,472)	(4,020)	(4,679)	(5,601)	(6,058)	(6,176)	(5,431)	(4,867)	(4,808)	(4,572)	(59,754)
28	Retail Load Share		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
29	Retail Revenue		(4,883)	(4,187)	(4,472)	(4,020)	(4,679)	(5,601)	(6,058)	(6,176)	(5,431)	(4,867)	(4,808)	(4,572)	(59,754)
31	Total Revenue Credit for Rugby		(4,883)	(4,187)	(4,472)	(4,020)	(4,679)	(5,601)	(6,058)	(6,176)	(5,431)	(4,867)	(4,808)	(4,572)	(59,754)
34	Casselton	11.691%	(164,048)	(140,646)	(150,235)	(135,059)	(157,181)	(188,178)	(203,520)	(207,489)	(182,452)	(163,490)	(161,532)	(153,591)	(2,007,421)
35	Retail Load Share		51.28%	51.28%	51.28%	51.28%	51.28%	51.28%	51.28%	51.28%	51.28%	51.28%	51.28%	51.28%	
36	Retail Revenue		(84,119)	(72,119)	(77,036)	(69,254)	(80,598)	(96,492)	(104,359)	(106,394)	(93,556)	(83,833)	(82,829)	(78,757)	(1,029,345)
38	Overhead Credit for Non-Retail Share		(1,815)	(1,556)	(1,662)	(1,494)	(1,739)	(2,082)	(2,252)	(2,296)	(2,019)	(1,809)	(1,787)	(1,699)	(22,210)
39	Non-Retail Load Share		48.72%	48.72%	48.72%	48.72%	48.72%	48.72%	48.72%	48.72%	48.72%	48.72%	48.72%	48.72%	
40	Non-Retail Overhead Credit		(884)	(758)	(810)	(728)	(847)	(1,014)	(1,097)	(1,119)	(984)	(881)	(871)	(828)	(10,821)
42	Total Revenue Credit for Casselton		(85,003)	(72,877)	(77,846)	(69,982)	(81,445)	(97,507)	(105,456)	(107,513)	(94,540)	(84,714)	(83,699)	(79,585)	(1,040,167)
45	Retail Share of Schedule 26 Revenue		(1,007,009)	(863,354)	(922,217)	(829,058)	(964,854)	(1,155,131)	(1,249,305)	(1,273,673)	(1,119,983)	(1,003,584)	(991,562)	(942,819)	(12,322,548)
47	MISO Settlements		8,780	1,311,451	(22,055)		45,007								
49	North Dakota Share	41.257%	(411,842)	184,873	(389,581)	(342,047)	(379,504)	(476,576)	(515,429)	(525,483)	(462,074)	(414,051)	(409,091)	(388,981)	(4,529,787)

Otter Tail Power Company
 North Dakota Transmission Cost Recovery Rider
 Schedule 37 & Schedule 38 Revenues

Line No.	2017	2017												Total Projected
		Jan Actual	Feb Actual	Mar Actual	Apr Actual	May Actual	Jun Actual	Jul Actual	Aug Projected	Sep Projected	Oct Projected	Nov Projected	Dec Projected	
1	Total Schedule 37 Revenue	(15,661)	(15,660)	(15,660)	(15,664)	(15,664)	(15,405)	(15,394)	(0)	(0)	(0)	(0)	(0)	(109,109)
2	Overhead Credit for Non-Retail Share	1.106%	(173)	(173)	(173)	(173)	(173)	(170)	(170)	(0)	(0)	(0)	(0)	(1,207)
3														
4														
5	Fargo	100.00%	(15,661)	(15,660)	(15,660)	(15,664)	(15,664)	(15,405)	(15,394)	(0)	(0)	(0)	(0)	(109,109)
6	Retail Load Share		73.99%	73.99%	73.99%	73.99%	73.99%	73.99%	73.99%	73.99%	73.99%	73.99%	73.99%	
7	Retail Revenue		(11,587)	(11,587)	(11,587)	(11,589)	(11,589)	(11,398)	(11,390)	(0)	(0)	(0)	(0)	(80,727)
8														
9	Overhead Credit for Non-Retail Share		(173)	(173)	(173)	(173)	(173)	(170)	(170)	(0)	(0)	(0)	(0)	(1,207)
10	Non-Retail Load Share		26.01%	26.01%	26.01%	26.01%	26.01%	26.01%	26.01%	26.01%	26.01%	26.01%	26.01%	
11	Non-Retail Overhead Credit		(45)	(45)	(45)	(45)	(45)	(44)	(44)	(0)	(0)	(0)	(0)	(314)
12														
13	Total 37 Revenue Credit for Fargo		(11,632)	(11,632)	(11,632)	(11,634)	(11,634)	(11,442)	(11,434)	(0)	(0)	(0)	(0)	(81,041)
14														
15	MISO Settlements		84	16,016			(1,477)							
16														
17	North Dakota Share	41.257%	(4,765)	1,809	(4,799)	(4,800)	(5,409)	(4,721)	(4,717)	(0)	(0)	(0)	(0)	(27,402)
18														
19														
20														
21	Total Schedule 38 Revenue		(19,088)	(19,087)	(19,087)	(19,094)	(19,094)	(18,791)	(18,778)	(0)	(0)	(0)	(0)	(133,021)
22	Overhead Credit for Non-Retail Share	1.106%	(211)	(211)	(211)	(211)	(211)	(208)	(208)	(0)	(0)	(0)	(0)	(1,472)
23														
24														
25	Fargo	100.00%	(19,088)	(19,087)	(19,087)	(19,094)	(19,094)	(18,791)	(18,778)	(0)	(0)	(0)	(0)	(133,021)
26	Retail Load Share		73.99%	73.99%	73.99%	73.99%	73.99%	73.99%	73.99%	73.99%	73.99%	73.99%	73.99%	
27	Retail Revenue		(14,123)	(14,122)	(14,122)	(14,127)	(14,127)	(13,903)	(13,893)	(0)	(0)	(0)	(0)	(98,418)
28														
29	Overhead Credit for Non-Retail Share		(211)	(211)	(211)	(211)	(211)	(208)	(208)	(0)	(0)	(0)	(0)	(1,472)
30	Non-Retail Load Share		26.01%	26.01%	26.01%	26.01%	26.01%	26.01%	26.01%	26.01%	26.01%	26.01%	26.01%	
31	Non-Retail Overhead Credit		(55)	(55)	(55)	(55)	(55)	(54)	(54)	(0)	(0)	(0)	(0)	(383)
32														
33	Total 38 Revenue Credit for Fargo		(14,178)	(14,177)	(14,177)	(14,182)	(14,182)	(13,957)	(13,947)	(0)	(0)	(0)	(0)	(98,801)
34														
35														
36	MISO Settlements		117	25,577			(1,609)							
37														
38	North Dakota Share	41.257%	(5,801)	4,703	(5,849)	(5,851)	(6,515)	(5,758)	(5,754)	(0)	(0)	(0)	(0)	(30,826)

Federal ADIT Proration

1
 2
 3
 4
 5
 6
 7
 8
 9
 10
 11
 12
 13
 14
 15
 16
 17
 18
 19

A B C D

January 2018 - December 2018 Recovery Period			
Month	All Projects' Revenue Requirements	All Projects' Revenue Requirements with ADIT-Prorate	Difference due to Federal ADIT Proration (B - A)
Jan-18	\$443,520	\$444,214	\$694
Feb-18	\$443,554	\$444,248	\$694
Mar-18	\$449,188	\$449,882	\$694
Apr-18	\$443,551	\$444,245	\$694
May-18	\$443,581	\$444,276	\$694
Jun-18	\$449,211	\$449,906	\$694
Jul-18	\$443,642	\$444,337	\$694
Aug-18	\$443,673	\$444,367	\$694
Sep-18	\$449,303	\$449,997	\$694
Oct-18	\$443,734	\$444,428	\$694
Nov-18	\$444,909	\$445,603	\$694
Dec-18	\$450,539	\$451,233	\$694
	\$5,348,405	\$5,356,736	\$8,331

Revenue Requirement Adjustment Related to Federal ADIT Proration	\$8,331
---	----------------

Attachment 33
Redline and Clean Versions of
Tariff Sheet ND - 13.07 – Transmission Cost Recovery Rider

TRANSMISSION COST RECOVERY RIDER

DESCRIPTION	RATE CODE
Large General Service	50-510
Controlled Service	50-511
Lighting	50-512
All Other Service	50-513

REGULATIONS: Terms and conditions of this tariff and the General Rules and Regulations govern use of this rider.

APPLICATION OF RIDER: This rider is applicable to any electric service under all of the Company's retail rate schedules.

COST RECOVERY FACTOR: There shall be included on each North Dakota Customer's monthly bill a Transmission Cost Recovery charge, which shall be calculated before any applicable municipal payment adjustments and sales taxes as provided in the General Rules and Regulations for the Company's electric service. The following charges are applicable in addition to all charges for service being taken under the Company's standard rate schedules.

RATE:

TRANSMISSION COST RECOVERY			
Energy Charge per kWh:		kWh	kW
Large General Service	(a)	N/A ¢/kWh	\$1-689 <u>1.739</u>
Controlled Service	(b)	<u>0.065091</u> ¢/kWh	N/A
Lighting	(c)	<u>0.270332</u> ¢/kWh	N/A
All Other Service		<u>0.475578</u> ¢/kWh	N/A

(a) Rate schedules 10.03 Large General Service, 10.05 Large General Service – Time of Day, 14.02 Real Time Pricing Rider and 14.03 Large General Service Rider.
 (b) Rate Schedules 14.01 Water Heating, 14.04 Interruptible Load (CT Metering), 14.05 Interruptible Load (Self-Contained Metering), 14.06 Deferred Load, and 14.07 Fixed Time of Delivery
 (c) Rate Schedules 11.03 Outdoor Lighting (energy only) and 11.04 Outdoor Lighting

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
Dakota

Case No. PU-~~16-624~~ 17-340

Approved by order dated: ~~December 14, 2016~~
Gerhardson

Administration/Regulatory Affairs

EFFECTIVE with bills rendered on
and after January 1, ~~2017~~ 2018, in North

APPROVED: ~~Thomas R. Brause~~ Bruce G.

Vice President,

DETERMINATION OF DEMAND CHARGE (LARGE GENERAL SERVICE CLASS ONLY): The demand charge shall be billed according to the demand charge as defined in the applicable rate schedule the Customer is taking service.

MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders.

NORTH DAKOTA PUBLIC
SERVICE COMMISSION
North Dakota
Case No. ~~PU-11-153 and PU-11-682~~17-340
Approved by order dated: ~~April 25, 2012~~
Gerhardson
~~Administration~~ Vice President, Regulatory Affairs

EFFECTIVE with bills rendered on
and after ~~May 1, 2012~~January 1, 2018, in

APPROVED: ~~Thomas R. Brause~~Bruce G.
~~— Vice President,~~

TRANSMISSION COST RECOVERY RIDER

DESCRIPTION	RATE CODE
Large General Service	50-510
Controlled Service	50-511
Lighting	50-512
All Other Service	50-513

REGULATIONS: Terms and conditions of this tariff and the General Rules and Regulations govern use of this rider.

APPLICATION OF RIDER: This rider is applicable to any electric service under all of the Company's retail rate schedules.

COST RECOVERY FACTOR: There shall be included on each North Dakota Customer's monthly bill a Transmission Cost Recovery charge, which shall be calculated before any applicable municipal payment adjustments and sales taxes as provided in the General Rules and Regulations for the Company's electric service. The following charges are applicable in addition to all charges for service being taken under the Company's standard rate schedules.

RATE:

TRANSMISSION COST RECOVERY			
Energy Charge per kWh:		kWh	kW
Large General Service	(a)	N/A ¢/kWh	\$1.739
Controlled Service	(b)	0.091 ¢/kWh	N/A
Lighting	(c)	0.332 ¢/kWh	N/A
All Other Service		0.578 ¢/kWh	N/A

(a) Rate schedules 10.03 Large General Service, 10.05 Large General Service – Time of Day, 14.02 Real Time Pricing Rider and 14.03 Large General Service Rider.
 (b) Rate Schedules 14.01 Water Heating, 14.04 Interruptible Load (CT Metering), 14.05 Interruptible Load (Self-Contained Metering), 14.06 Deferred Load, and 14.07 Fixed Time of Delivery
 (c) Rate Schedules 11.03 Outdoor Lighting (energy only) and 11.04 Outdoor Lighting

R
R
R
R

DETERMINATION OF DEMAND CHARGE (LARGE GENERAL SERVICE CLASS ONLY): The demand charge shall be billed according to the demand charge as defined in the applicable rate schedule the Customer is taking service. N
N
N

MANDATORY AND VOLUNTARY RIDERS: The amount of a bill for service will be modified by any Mandatory Rate Riders that must apply or Voluntary Rate Riders selected by the Customer, unless otherwise noted in this rider. See sections 12.00, 13.00 and 14.00 of the North Dakota electric rates for the matrices of riders. N
N
N
N

Changes to North Dakota's Transmission Cost Recovery Rider

The North Dakota Public Service Commission approved our request to update our Transmission Cost Recovery Rider. This rider recovers costs incurred for regional transmission projects that are necessary to provide our North Dakota customers with reliable and economical service.

These changes below apply to bills rendered on and after January 1, 2018, and are included in the Energy and Renewable Adjustment line item.

	Old rates		New rates		Impact of new rates ⁽¹⁾
Large General Service	\$1.689	per kW	\$1.739	per kW	\$21.49/month
Controlled Service	\$0.00065	per kWh	\$0.00091	per kWh	\$0.33/month
Lighting	\$0.00270	per kWh	\$0.00332	per kWh	\$0.06/month
Residential	\$0.00475	per kWh	\$0.00578	per kWh	\$1.03/month
All other service	\$0.00475	per kWh	\$0.00578	per kWh	\$1.39/month

(1) Assumes Large General Service uses 425 kW of demand, Controlled Services uses 1,300 kWh, Lighting uses 90 kWh per fixture, Residential uses 1,000 kWh, All other service uses 1,350 kWh.

For more information contact Customer Service at 800-257-4044 or place an inquiry from our web site at otpc.com.